

MEMORANDUM FOR NAVIGATION INTERESTS

SUBJECT: Forecast of Dredging and Marine Construction

PORT ARTHUR CANAL, TAYLORS BAYOU CHANNEL

The dredge **'Missouri H'** (Mike Hooks) has completed dredging in the Port Arthur Canal Junction Area, proceeding south.

SNWW – MIDDLE REACH NECHES RIVER CHANNEL

The pipeline Dredge **'Marion'** (Pine Bluff Sand & Gravel) will be performing dredging operations in the Neches River moving north. Submerged and floating pipelines will extend behind the dredge to Placement Area No. 18 on the east side of the channel.

SNWW - SABINE-NECHES CANAL, SECTION B AND SABINE RIVER CHANNEL

The pipeline Dredge **'Leonard Fisher'** will be performing dredging operations in the Sabine River moving west. Submerged and floating pipelines will extend behind the dredge to Placement Area No. 31 on the north side of the channel.

GIWW – MILE 293 TO HIGH ISLAND

The pipeline Dredge **'J.N. Fisher'** will be performing dredging operations in the GIWW moving west. Submerged and floating pipelines will extend behind the dredge to Placement Area No. 20 on the south side of the channel.

SNWW – OUTER BAR & BANK CHANNEL

The Dredge "Padre Island" will be performing dredging operations in the Outer Bar and Bank Channel and the material will be placed in placement areas 1-4.

TEXAS CITY CHANNEL

King Fisher Marine Services, LP is mobilizing with the Dredge "Everett" to work on the Texas City Channel about 3 miles up channel from the confluence of the GIWW and Texas City Channel. They will be moving from the upstream side going down stream towards the GIWW and pumping material into the Beach Placement Areas adjacent to the Texas City Dike. Dredge pipeline will include submerged, pontoon and shore pipeline. The Dredge is expected to be on site by 21 September 2003.

HSC, DEEPENING AND WIDENING (HGNC) – MID BAYOU

Dredging for this project is estimated to start the beginning of August 2003. The dredge CALIFORNIA will begin mobilizing on site near the end of July 2003.

Luhr Bros. is constructing rock dikes for the new Goat Island placement area in the general vicinity of channel markers RED #126 to RED #124 and will continue for the next several months. Installation of the rock dike and digging of access channels from the ship channel to work area will continue over the next 4-5 months. Luhr will also be completing bay bottom surveys between the ship channel and land in this area.

HSC, DEEPENING AND WIDENING (HGNC) – LOWER BAYOU

The Dredge **'Meridian'** is dredging the red side of the channel just upstream of Morgans Point and will continue downstream toward the Barbours Cut flare through the end of September 2003. Hydraulic

levees are being constructed at Spilman Island. The **Meridian** is anticipated to complete the dredging just upstream of Barbours Cut and thereby completing Lower Bayou by mid-October 2003.

HSC, DEEPENING AND WIDENING (HGNC) – MID-BAY

Hopper Dredge **"B.E. Lindholm"** and **"R.N. Weeks"** have completed work in Houston Ship Channel and have moved off the site.

Pipeline dredge **"Tom James"** is working in Houston Ship Channel between Marker 75 and Marker 73 and progressing outbound. Material is being pumped to the new Mid Bay Marsh site, which is located on the east side of the channel near Marker 70. The "Tom James" is expected to move to vicinity Markers 63/64 during the week of 18 August. Shallow draft boat operators are advised that a dredge pipeline crosses the new North Boater Cut. The North Boater Cut has also shoaled in adjacent to the new marsh levees. The natural cut near Marker 68 will soon be closed. Operators are advised to use either Five-Mile Cut or the South Boater Cut near HSC Marker 62 for access east of Houston Ship Channel.

The offshore placement area is located outside the Galveston jetties, south of the Entrance Channel. Mariners are cautioned not to traverse or anchor within the limits of the placement area, as it will interfere with dredging operations. Vessels anchored within the placement area will be asked to move. Coordinates of the placement area, referenced to NAD 83 (degrees-minutes) are as follows:

<u>LAT.</u>	<u>LON.</u>	<u>LAT.</u>	<u>LON.</u>
29°15N	94°40W	29°14N	94°41W
29°12N	94°39W	29°13N	94°43W

FREEPORT HARBOR - ENTRANCE AND JETTY CHANNELS

Hopper dredge **"BAYPORT"** (MANSON CONSTRUCTION COMPANY) is dredging in the entrance and jetty channels. Expected completion is November, 2003.

TRINITY RIVER AND TRIBUTARIES, CHANNEL TO SMITH POINT AND MARSH CREATION

Weeks Marine, Inc. has completed installing geotubes in the bay, immediately north of Smith Point, to construct a confined dredge fill placement area. The dredge has also completed its work in the Channel to Liberty, from its section with Houston Ship Channel, to past Smith Point. All submerged and floating pipelines have been removed.

GULF INTRACOASTAL WATERWAY, TEXAS ROLLOVER PASS TO PORT BOLIVAR

The pipeline dredge **"Leonard Fisher"** under Contract DACW64-03-0006, King Fisher Marine Service, Inc. Contractor is dredging near mile marker 349 on the Gulf Intracoastal Waterway. Dredging operations in this reach are expected to continue over the next 3-4 weeks. Submerged and floating lines are being used to pump material to placement area on the northwest shore of the Bolivar Peninsula. After completion of this reach, dredging operations are expected to move to Rollover Pass. Once dredging operations are started in Rollover Pass, completion is expected in approximately two weeks or less. Submerged and floating lines will be used to place material on Rollover Beach.

MOUTH OF COLORADO RIVER SEDIMENT TRAINING STRUCTURE

Luhr Bros Inc. is constructing a 550' long rock training dike parallel to the East shore of the Colorado River from the beach seaward. The dike is 350' East of the center line of the Colorado River. Marine equipment will be mooring in or near the Mouth of the Colorado River. Expected completion is November, 2003.

**COLORADO RIVER AND TRIBUTARIES, TEXAS
MOUTH OF COLORADO NAVIGATION CHANNEL IN
MATAGORDA COUNTY, TEXAS**

The cutterhead dredge “Mike Hooks” (Mike Hooks, Inc) is now offsite.

**GULF INTRACOASTAL WATERWAY, TEXAS
BAFFIN BAY TO PORT ISABEL**

The Dredge “Jason LaQuay” (T.W. LaQuay Dredging, Inc.) is now offsite.

**GULF INTRACOASTAL WATERWAY, TEXAS
CHANNEL TO VICTORIA & CHANNEL TO SEADRIFT**

The Dredge “**J.N. Fisher**” (King Fisher Marine Service, Inc.) is now offsite.

**GULF INTRACOASTAL WATERWAY, TEXAS
MAIN CHANNEL IN MATAGORDA BAY & NATURAL BAY BOTTOM ROUTE**

The Dredge “**J.N. Fisher**” (King Fisher Marine Service, Inc.) is now offsite.

**MATAGORDA SHIP CHANNEL, TEXAS
GALINIPPER POINT TO POINT COMFORT**

The Dredge “**Jason LaQuay**” (T.W. LaQuay Dredging, Inc.) is now offsite.

**GULF INTRACOASTAL WATERWAY, TEXAS
MAIN CHANNEL ACROSS ARANSAS BAY & TRIBUTARY CHANNEL TO ARANSAS PASS**

The Dredge “Jason LaQuay” (T.W. LaQuay Dredging, Inc.) will be operating in Tributary Channel to Aransas Pass approximately 2 miles before reaching Conn Brown Harbor. Floating and submerged lines will extend to a Placement Area on the North Bank. Estimated completion is August 2003.

**GULF INTRACOASTAL WATERWAY, TEXAS
TURNSTAKE ISLAND TO RATTLESNAKE POINT**

The Dredge “**Tyro, Jr.**” will be operating on the East Bank near the vicinity of Mile Marker 504. Floating and submerged lines will extend to Placement Areas on the East Bank. Estimated completion is August 2003.

**BRAZOS ISLAND HARBOR, TEXAS
PLACEMENT AREA NO. 4 REHABILITATION**

Tows with assorted supply barges including equipment barges (RLB Contracting, Inc.) will be ferrying and supplying dirt hauling equipment in Placement Area No. 4, located on the South Bank near the mouth of the jetties. Estimated completion is December 2003.

**GULF INTRACOASTAL WATERWAY, TEXAS
MAIN CHANNEL ACROSS REDFISH BAY**

The Dredge “**Jason LaQuay**” (T.W. LaQuay Dredging, Inc.) will begin operating beginning in the vicinity of Hwy 361 Dale Miller Bridge and extend three miles southwest. Floating and submerged lines will extend to a Placement Area on the East Bank. Estimated completion is November 2003.

**CORPUS CHRISTI SHIP CHANNEL, TEXAS
INDUSTRIAL CANAL TO VIOLA TURNING BASIN**

The Dredge “**Jason LaQuay**” (T.W. LaQuay Dredging, Inc.) will begin operating between the Avery Point Turning Basin and the Chemical Turning Basin. Floating and submerged lines will extend to a Placement Area on the North Bank. Estimated completion is November 2003.

CORPUS CHRISTI SHIP CHANNEL, TEXAS
CORPUS CHRISTI ENTRANCE CHANNEL

Prime Contractor (B & B Dredging); The Dredge **“Bayport”** (Sub-Contractor Manson) will begin operating between the Port Aransas Jetties. The Dredge will be utilizing a Gulf Placement Area located South of the South Jetties. Estimated completion is October 2003.

GULF INTRACOASTAL WATERWAY, TEXAS
EROSION PROTECTION –PORT OCONNOR TO SAN ANTONIO BAY

The Prime Contractor Ercon Corporation; the sub-Contractor King Fisher will be installing cellular concrete mats along the Gulf Intracoastal Waterway. Tows with supply barges, crane barges and related floating plant will operate along reaches of the South bank, between Port O'Connor and San Antonio Bay. The Contractor will also be installing erosion protection mats on the East Bank in the Victoria Barge Canal approximately 2 miles past the Victoria Barge Canal Wyes. Estimated completion is December 2003.

MATAGORDA SHIP CHANNEL, TEXAS
MATAGORDA PENINSULA TO POINT COMFORT

The Dredge **“John C. LaQuay”** (T.W. LaQuay Dredging, Inc.) will be operating between Matagorda Peninsula and the Point Comfort Turning Basin. Floating and submerged lines will extend to a Placement Areas on the East Bank. Estimated completion is February 2004.

- » *Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made.*
- » *Dredging operations are continuous, 24 hrs, 7 days, unless otherwise noted.*
- » *Dredging operations will continue through the month unless otherwise indicated.*
- » *Dredges monitor channel 13 and/or 16 on marine VHF radio, respective dredges should be contacted for coordination of passing and movement near operations.*

DISTRICT ENGINEER
CORPS OF ENGINEERS
GALVESTON DISTRICT